

11 39

S. MISSION CARMEL  
Launched: March 28, 1944  
Sponsor: Mrs. W. B. Lardner



PEW CARGO			
TANK NO.	LOCATION	GALLONS	BARRELS (NET)
TOTAL CARGO TANKS			
1	71-72	106,000	2,324
2	65-66	390,264	8,592
3	62-63	390,264	8,592
4	59-60	390,264	8,592
5	56-57	390,264	8,592
6	53-54	390,264	8,592
7	50-51	390,264	8,592
8	47-48	390,264	8,592
TOTAL		3,116,988	74,216

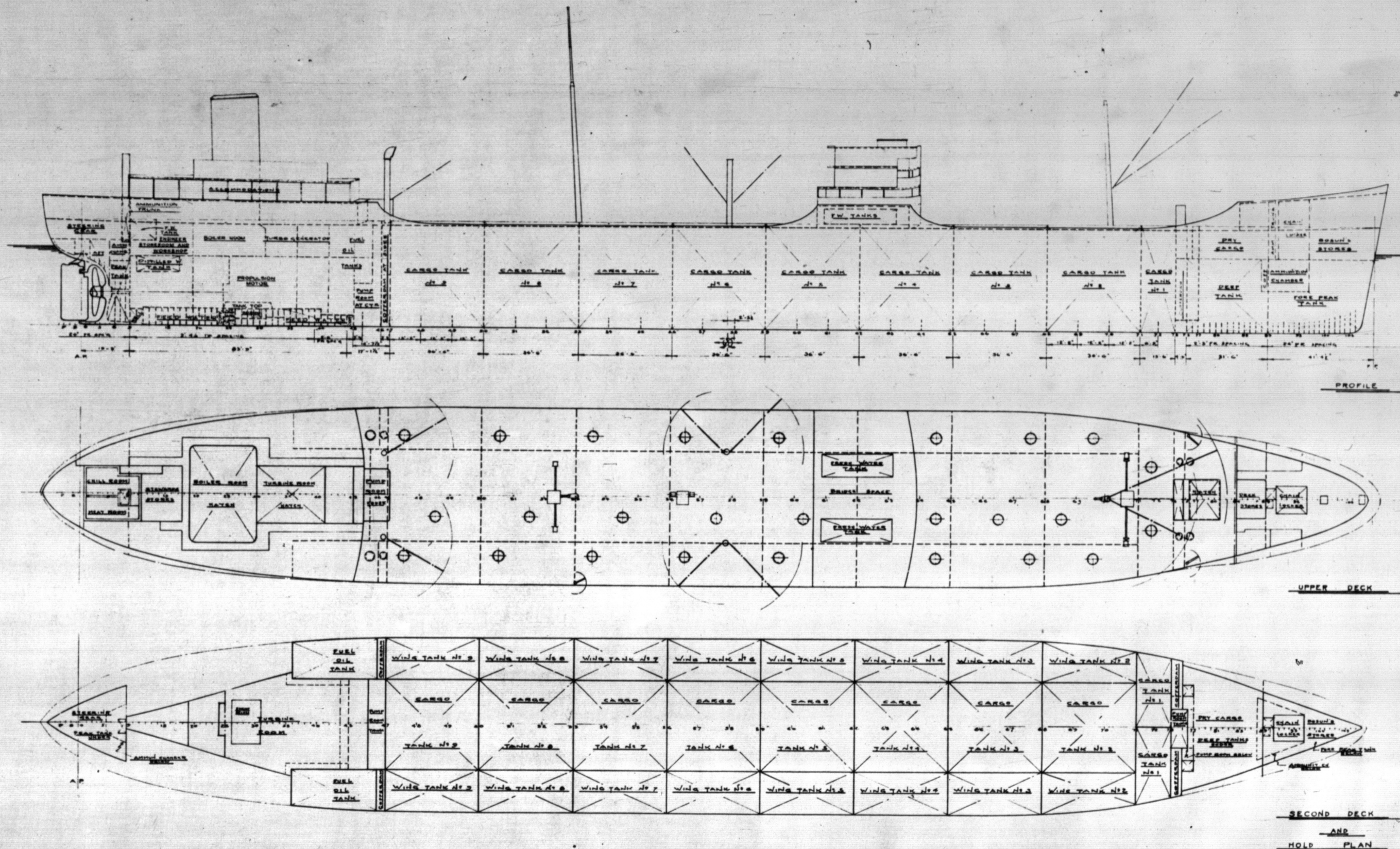
MAIN CARGO TANKS			
TANK NO.	LOCATION	GALLONS	BARRELS (NET)
1	71-72	106,000	2,324
2	65-66	390,264	8,592
3	62-63	390,264	8,592
4	59-60	390,264	8,592
5	56-57	390,264	8,592
6	53-54	390,264	8,592
7	50-51	390,264	8,592
8	47-48	390,264	8,592
TOTAL		3,116,988	74,216

SIDE CARGO TANKS			
TANK NO.	LOCATION	GALLONS	BARRELS (NET)
1	71-72	106,000	2,324
2	65-66	390,264	8,592
3	62-63	390,264	8,592
4	59-60	390,264	8,592
5	56-57	390,264	8,592
6	53-54	390,264	8,592
7	50-51	390,264	8,592
8	47-48	390,264	8,592
TOTAL		3,116,988	74,216

FUEL OIL TANKS			
TANK NO.	LOCATION	GALLONS	BARRELS (NET)
1	71-72	106,000	2,324
2	65-66	390,264	8,592
3	62-63	390,264	8,592
4	59-60	390,264	8,592
5	56-57	390,264	8,592
6	53-54	390,264	8,592
7	50-51	390,264	8,592
8	47-48	390,264	8,592
TOTAL		3,116,988	74,216

BALLAST TANKS AND COFFERDAMS			
TANK	LOCATION	TONS S.W.	
FORE PEAK	FR 65-66	314.1	
PEEP TANK	FR 71-72	378.2	
PEEP TANK	FR 73-74	378.2	
COFFERDAM	FR 75-76	133.2	
COFFERDAM	FR 77-78	87.1	
COFFERDAM	FR 79-80	57.1	
AFT PEAK	FR 81-82	71.9	
TOTAL BALLAST		1,389.9	

FRESH WATER TANKS			
TANK	LOCATION	TONS F.W.	
PEEP WATER	FR 10-11	18.20	
PEEP WATER	FR 12-13	18.20	
INNER BOTTOM	FR 14-15	37.47	
D	FR 16-17	28.30	
D	FR 18-19	76.68	
D	FR 20-21	79.24	
TOTAL FRESH WATER		258.09	



STATEMENT  
THE LIGHT SHOWN  
FROM DEADWATER  
IS 1844 IS 5500  
IS THE WEIGHT OF  
SEA IN EVERY RE-  
LIQUIDS IN MACH-  
OL SYSTEMS, AND  
STORES, MATTER.

## 1. LIFE BOATS

N.	LENGTH	PERIOD
1	22' 0"	16
2	22' 0"	16
3	22' 0"	16
4	22' 0"	16

## 2. BALLAST (IN)

## 3. DEFENSE FE

## (a) BATTERY

N.	TYPE
1	5750 CAL
2	20 MM
3	20 MM
4	15750 CAL

## (a) PLASTIC

## (a) GUN SHEET

## (a) GUN PLAN

## (a) AMMUNITION

## (a) AMMUNITION

## (a) ADDITIONAL

## (a) OTHER PER

## (a) CATION OF

## (a) DECAUSS

## (a) LIFE RAFT

## (a) TYPE

## (a) RAFT

## (a) 40

## (a) 40

## (a) 20

## (a) 15

## (a) LIFE RAFT

## (a) SMOKE

## (a) ITEMS NOT

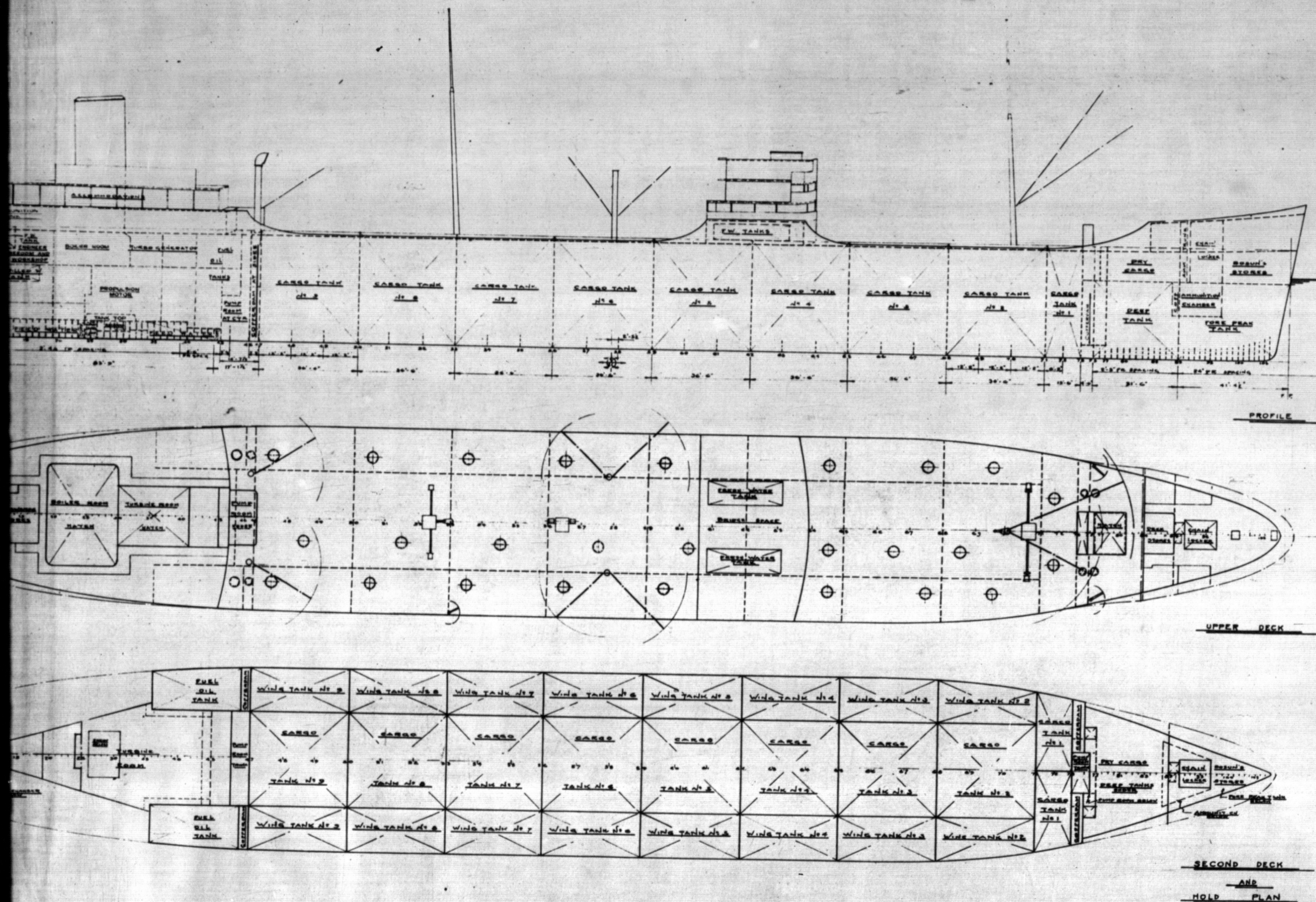
## (a) AMMUNITION, FUEL

## (a) IN CULINARY TANKS

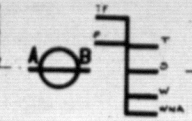
## (a) STORES, AND CRY-

## (a) CAPACITY PLAN





OCEAN FREELBOARD



**STATEMENT OF LIGHT SHIP WEIGHT.**  
 THE LIGHT SHIP WEIGHT OF THE VESSEL AS DETERMINED FROM DEADWEIGHT DETERMINATION MADE ON MAY 8, 1944 IS 5504 LONG TONS. THIS LIGHT SHIP WEIGHT IS THE WEIGHT OF THE VESSEL COMPLETE AND READY FOR SEA IN EVERY RESPECT. IT INCLUDES THE WEIGHT OF LIQUIDS IN MACHINERY, FIRE AND SANITARY LINES, FUEL OIL SYSTEMS, SPARE PARTS, BOATSWAIN'S AND DECK STORES, MATTRESSES AND BEDDING.

ALSO INCLUDED IS

1. LIFE BOATS					
N.	LENGTH	PERSONS	HAND OR MOTOR PROPELLED	LOCATION	LONG TON
1	22'-0"	16	MOTOR	FR. 62 STBD	1.7
1	22'-0"	16	"	" 25 PORT	1.7
1	22'-0"	21	HAND	" 62 PORT	1.5
1	22'-0"	21	"	" 25 STBD.	1.5
2	22'-0"	21	"	" 39 P & S	3.0

2. BALLAST (NONE).

3. DEFENSE FEATURES

(a) BATTERY			
N.	TYPE	LOCATION	LONG TONS
1	3750 CAL.	BOW	1.5
2	20 MM.	FR. 63 P & S.	1.5
3	"	61 "	1.5
4	"	44 "	1.5
5	"	12 "	1.5
6	3750 CAL.	STERN	1.5

(b) PLASTIC ARMOR 21.3 LONG TONS

(c) GUN SHIELDS 10.0 "

(d) GUN PLATFORMS 47.6 "

(e) AMMUNITION STOWAGE 1.7 "

(f) AMMUNITION HOISTS 28.0 "

(g) ADDITIONAL QUARTERS FOR GUINERS OR OTHER PERSONNEL (EXCLUSIVE OF REALLOCATION OF ORIGINAL QUARTERS) 8.5 "

(h) DEGAUSSING 14.1 "

(i) LIFE RAFTS & FLOATS

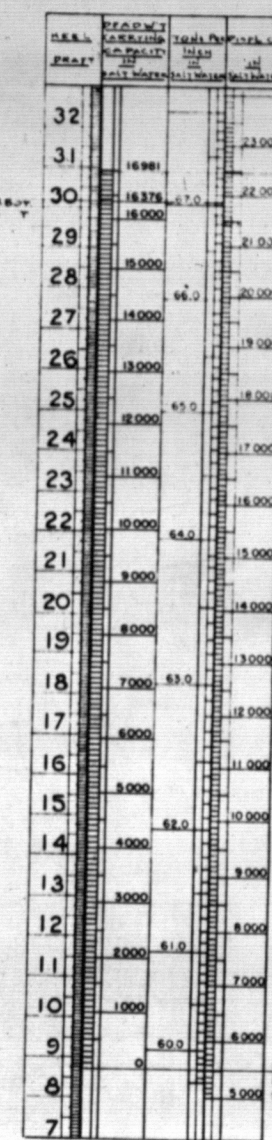
N.	TYPE	PERSONS	LOCATION	LONG TONS
2	RAFT	40	FR. 67 P & S.	3.8
3	"	40	"	3.8
4	"	20	"	1.9
5	FLOAT	15	"	0.1
6	"	15	"	0.1

(j) LIFE RAFT SKIDS 9.8 LONG TONS

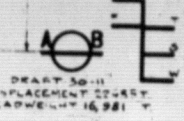
(k) SMOKE FLOATS 0.4 "

ITEMS NOT INCLUDED IN LIGHT SHIP WEIGHT ARE: AMMUNITION, FUEL OIL IN STORAGE TANKS, FRESH WATER IN CULINARY TANK, CONSUMABLE REFRIGERATED OR DRY STORES, AND CREW OR THEIR EFFECTS.

CAPACITY PLAN ISSUED MAY 10, 1944.



LOADWISE FREELBOARD



**PRINCIPAL DIMENSIONS**  
 LENGTH OVER ALL 325'-0"  
 LENGTH MAIN DECK 325'-0"  
 BEAM 45'-0"  
 DEPTH HOLD TO UPPER DECK 37'-3"  
 LOAN DRAFT 16.981'

**Tonnage**  
 Gross Tonnage 10,461.42  
 Net Tonnage 7,437

APPROVED AS NOTED  
 M.C.E. LETTER DATED: A.S.S. LETTER  
 M.C.E. FILE NO. 1259-529-1-2  
 BY: S.M.I.N. LETTER  
 ALT.

PRINTS ISSUED		
END FILES HOLD OFF	TOWERS	MAKING ELECTRIC
END FILES	BUILDING WAYS	MAKING METAL SHOP
PLANT SHOP	OUTFITTING DEPT.	U.S. M.C.
INSPECTION DEPT.	OUTFITTING DEPT.	A. & S.
HOLD OFF	SHIPWRECK	PLANNING
PRODUCTION SECTION	PLANT SECTION	ARMY ENGINEERING
MATERIAL CONTROL	SUPPLY SECTION	U.S. M.C.
PLATE SHOP	MAKING SHOP	U.S. M.C.
SUB ASSEMBLY	PIPE SHOP	U.S. M.C.

REFERENCES	
NO.	TITLE
1	
2	
3	
4	
5	
6	
7	
8	

**MARINSHIP CORPORATION**  
 S. S. MISSION CARMEL  
**CAPACITY PLAN**  
 U.S.M.C. HULL No. 1800  
 SCALE 1/4"=1'-0"  
 DATE  
 DRAWN  
 TRACED  
 CHECKED  
 HULL NO.  
 U.S.M.C. HULL No. 1800  
 YARD HULL No. 30  
 T2-S2901-2

S-1025-1-1